

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040133.D
 Acq On : 26 Mar 2019 1:32
 Operator : JU/SJ
 Sample : K2059-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Mar 27 13:58:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

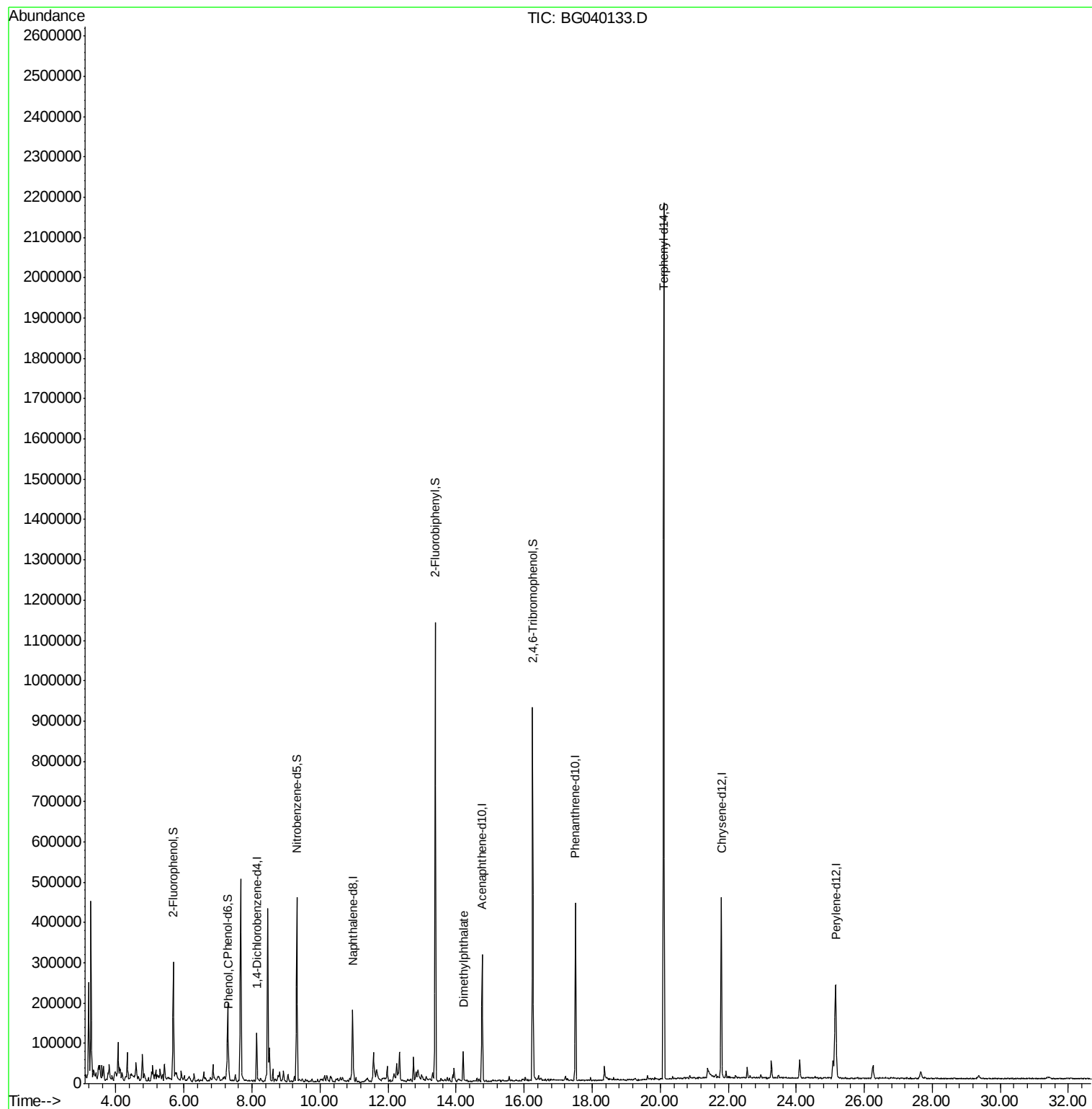
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32889	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	146593	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	108509	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	275982	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	278099	20.00	ng	-0.03
87) Perylene-d12	25.15	264	280876	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	116453	60.41	ng	-0.02
7) Phenol-d6	7.29	99	111118	38.66	ng	-0.02
23) Nitrobenzene-d5	9.31	82	237150	87.49	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	170430	134.75	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	608206	79.81	ng	-0.03
79) Terphenyl-d14	20.11	244	1058627	83.82	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	20994	6.742	ng	95
50) Dimethylphthalate	14.21	163	47733	5.261	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

Instrument :

BNA_G

ClientSampleId :

MW-2

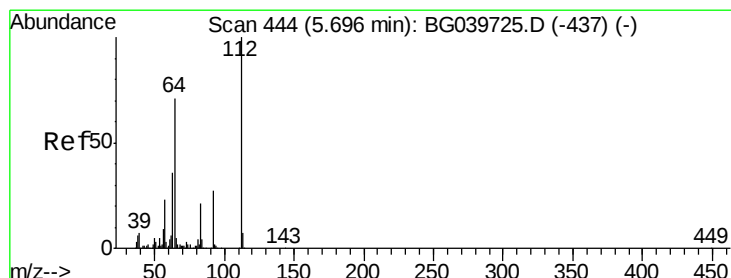
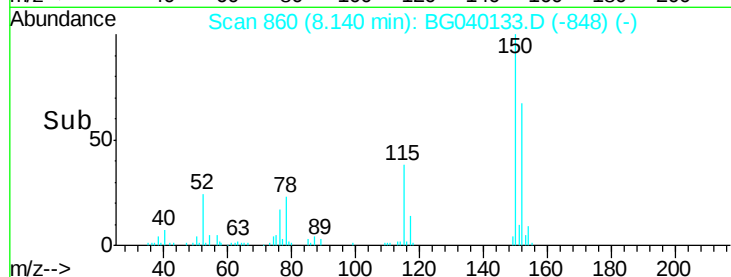
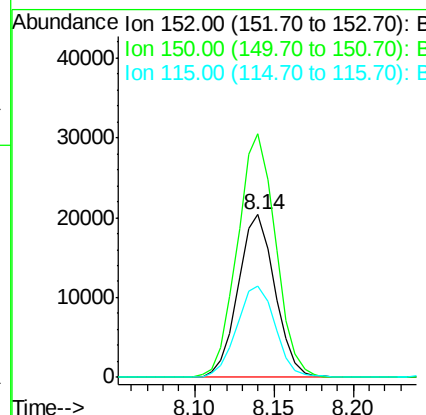
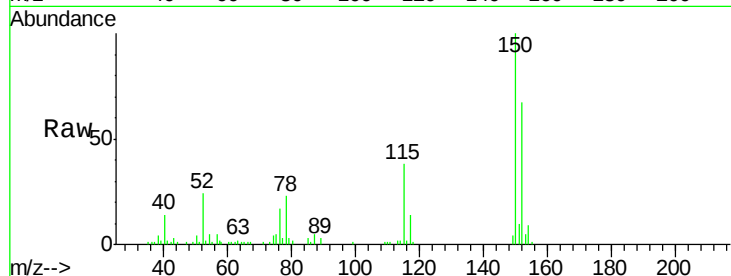
Tgt Ion:152 Resp: 32889

Ion Ratio Lower Upper

152 100

150 149.9 123.7 185.5

115 56.4 45.9 68.9



#5

2-Fluorophenol

Concen: 60.406 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

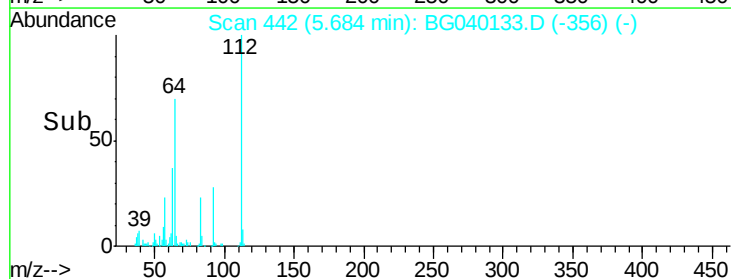
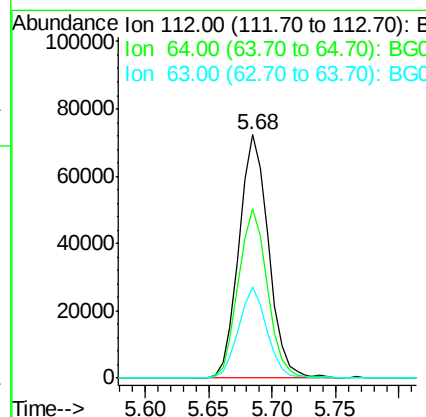
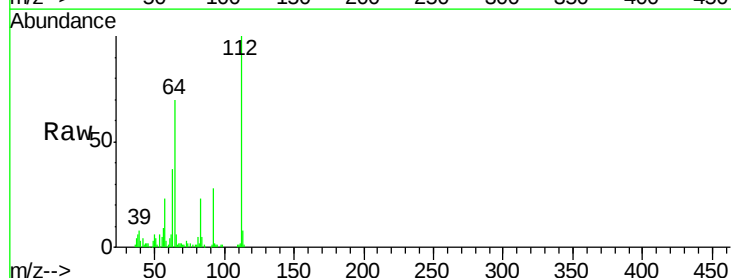
Tgt Ion:112 Resp: 116453

Ion Ratio Lower Upper

112 100

64 69.8 57.8 86.8

63 37.3 29.8 44.6





#7

Phenol-d6

Concen: 38.656 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

Instrument :

BNA_G

ClientSampleId :

MW-2

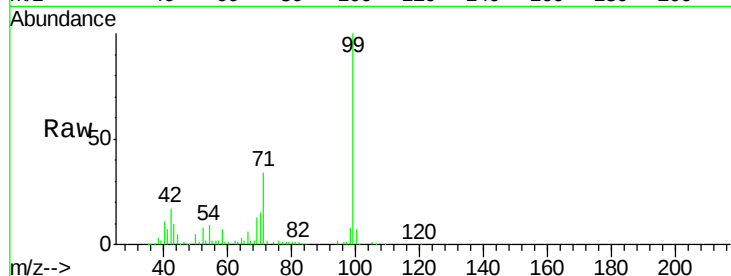
Tgt Ion: 99 Resp: 111118

Ion Ratio Lower Upper

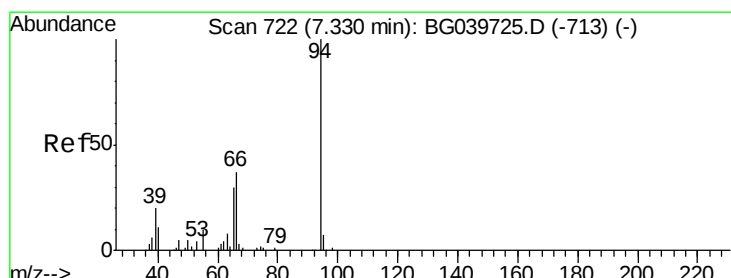
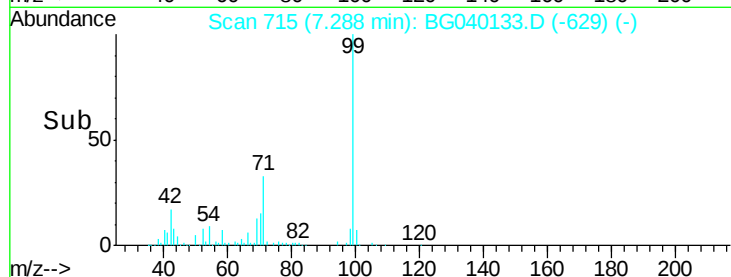
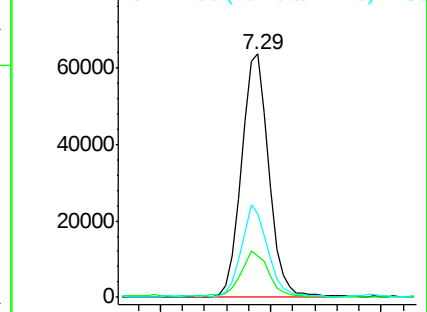
99 100

42 17.2 18.2 27.2#

71 34.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 6.742 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

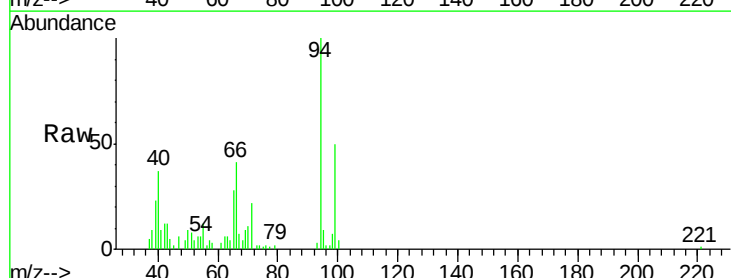
Tgt Ion: 94 Resp: 20994

Ion Ratio Lower Upper

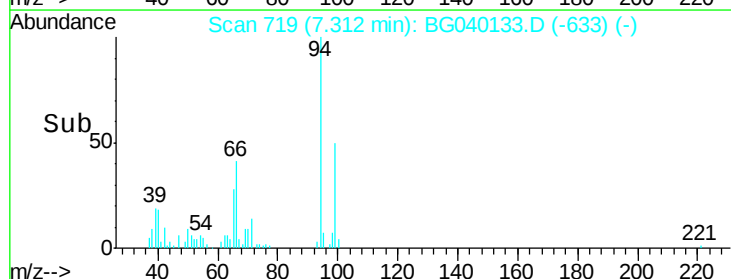
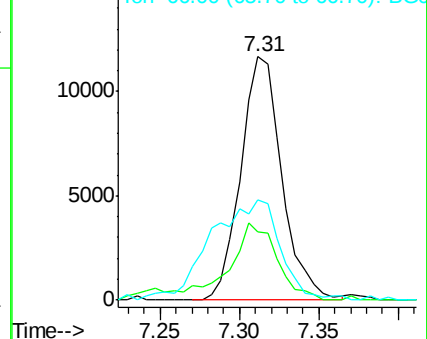
94 100

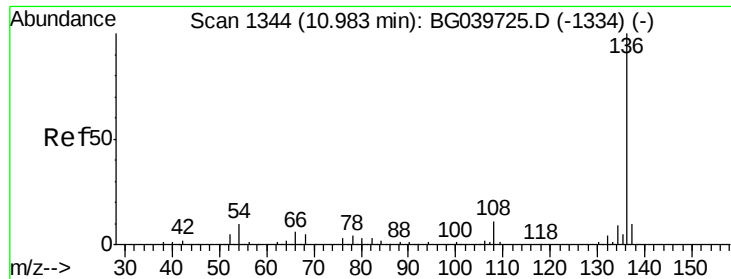
65 27.8 11.7 51.7

66 40.9 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

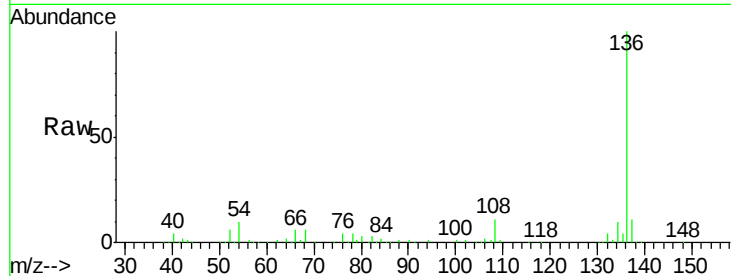




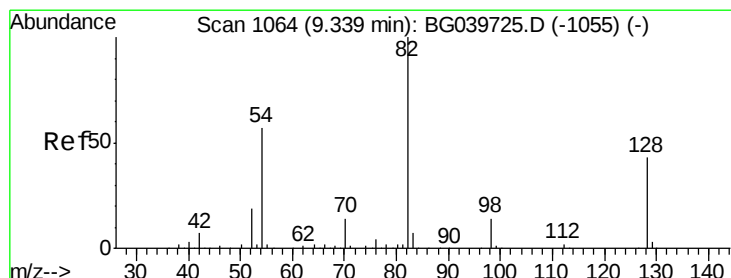
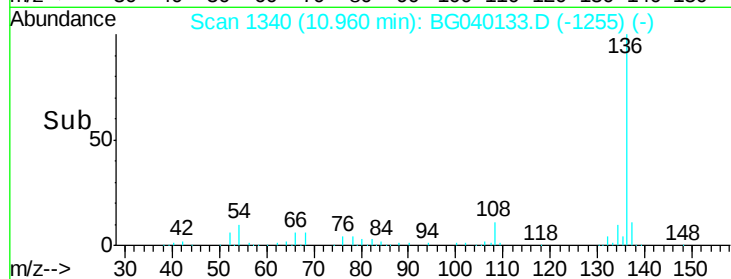
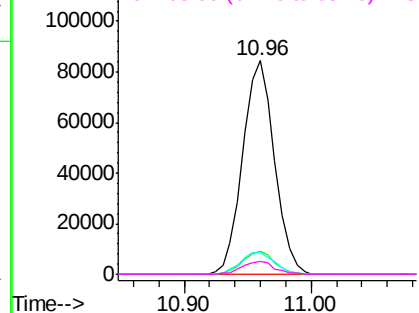
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:	136	Resp:	146593
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.4	9.4	14.2
68	5.8	4.2	6.4

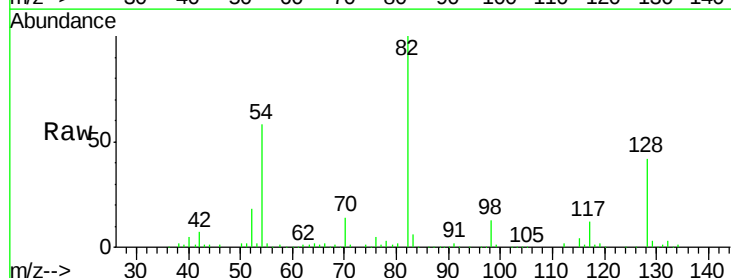


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

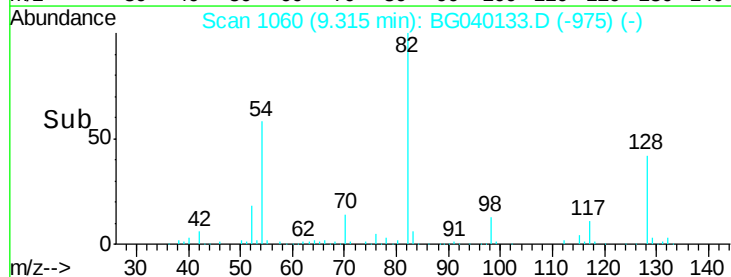
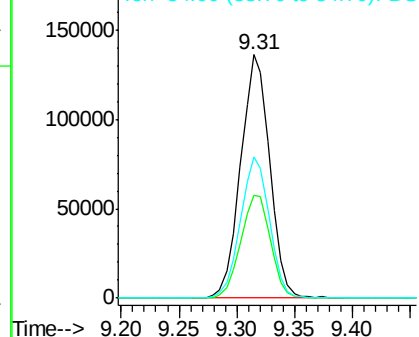


#23
Nitrobenzene-d5
Concen: 87.494 ng
RT: 9.31 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion:	82	Resp:	237150
Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	58.2	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

Instrument :

BNA_G

ClientSampleId :

MW-2

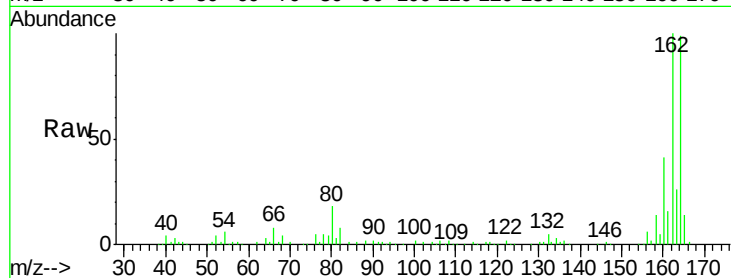
Tgt Ion:164 Resp: 108509

Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

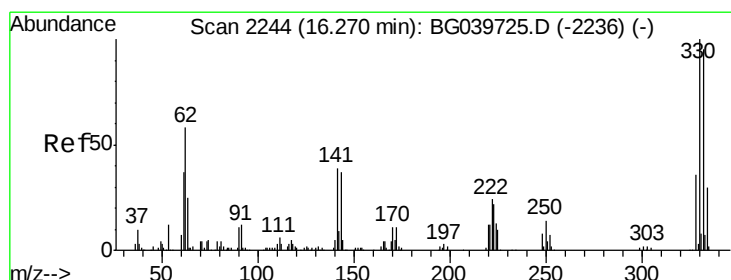
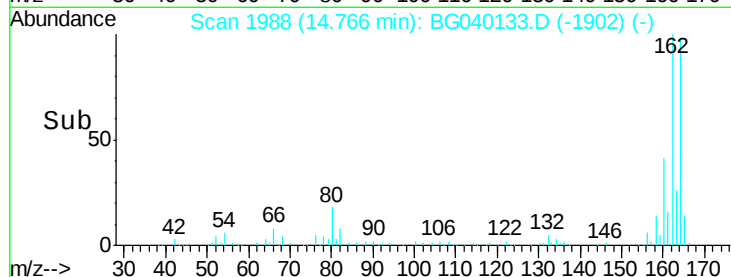
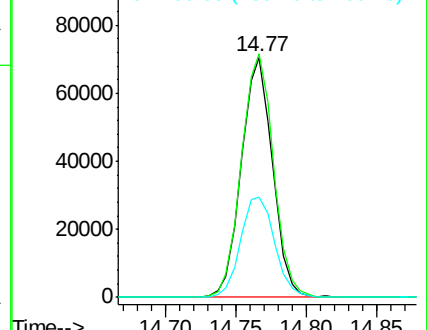
160 41.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 134.754 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

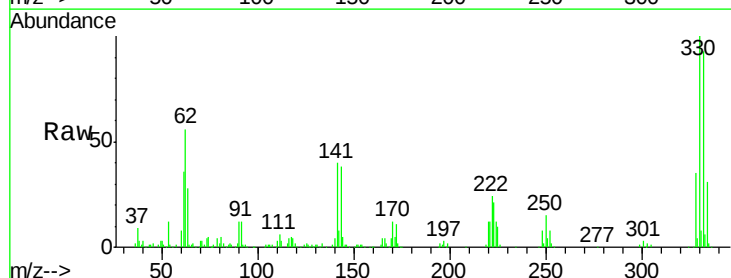
Tgt Ion:330 Resp: 170430

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

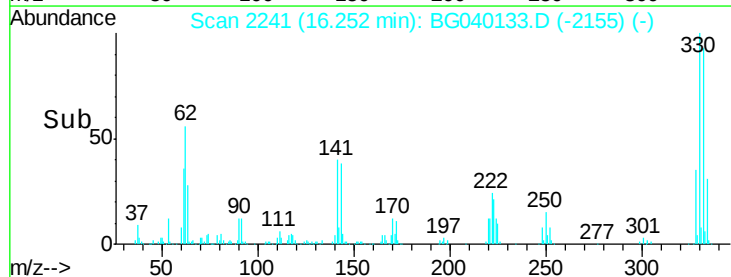
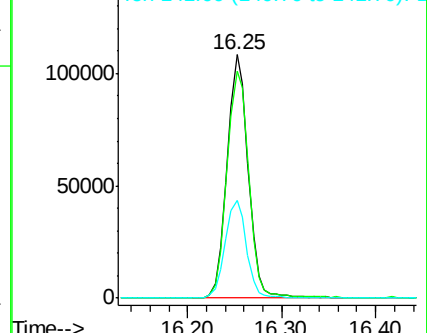
141 40.9 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

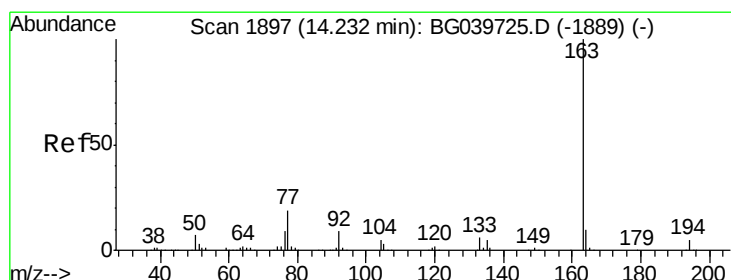
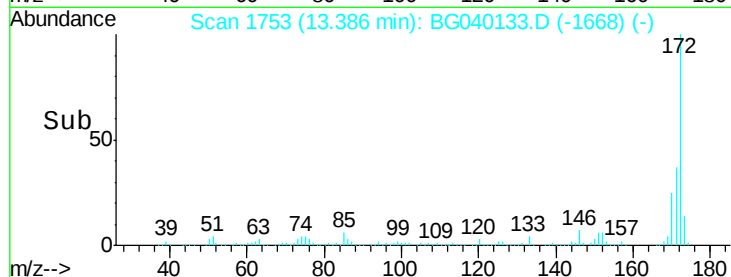
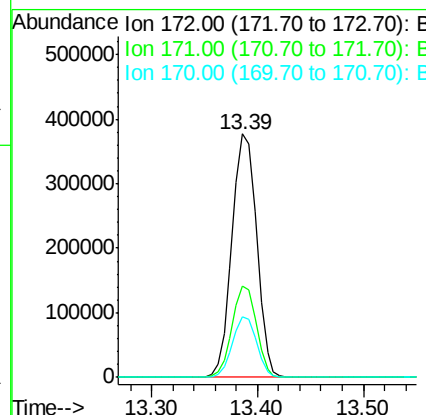
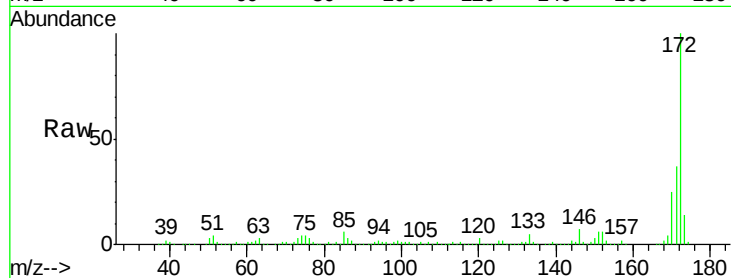




#45
2-Fluorobiphenyl
Concen: 79.807 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

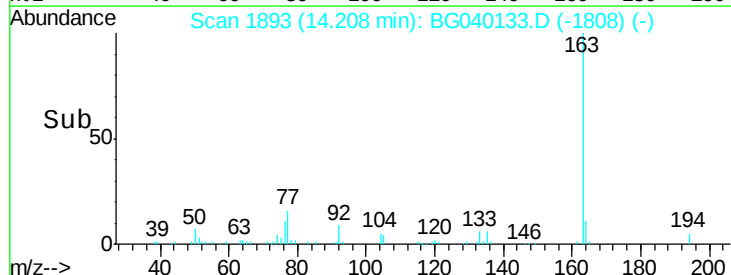
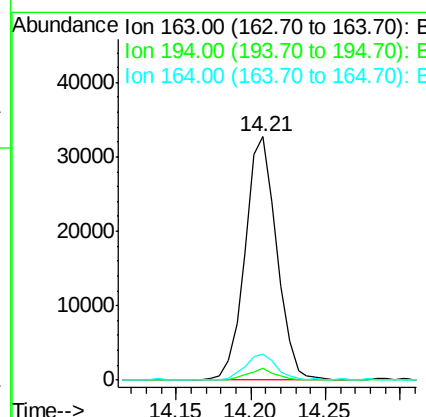
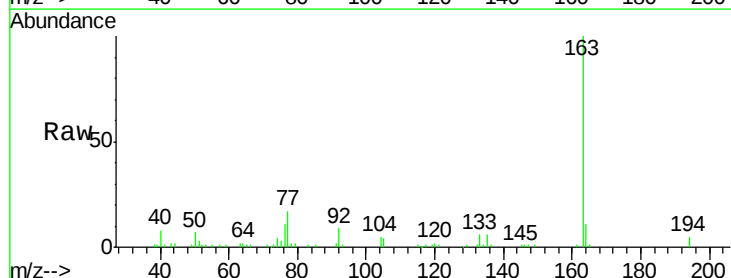
Instrument :
BNA_G
ClientSampleId :
MW-2

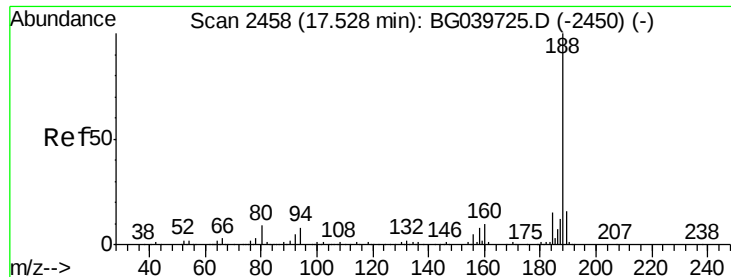
Tgt Ion:172 Resp: 608206
Ion Ratio Lower Upper
172 100
171 37.5 30.8 46.2
170 24.8 20.2 30.4



#50
Dimethylphthalate
Concen: 5.261 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040133.D
Acq: 26 Mar 2019 1:32

Tgt Ion:163 Resp: 47733
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.9 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

Instrument :

BNA_G

ClientSampleId :

MW-2

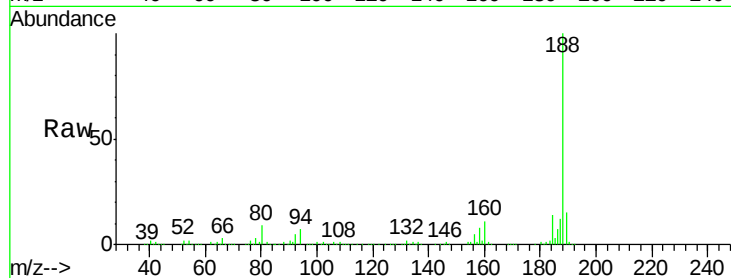
Tgt Ion:188 Resp: 275982

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

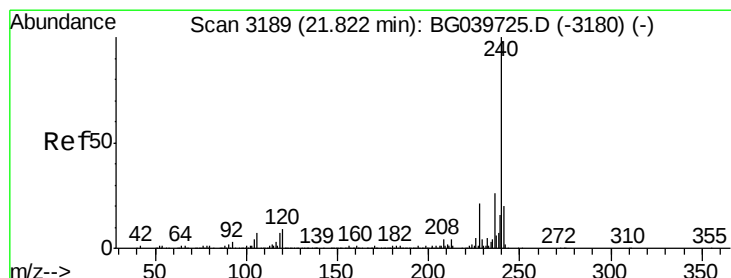
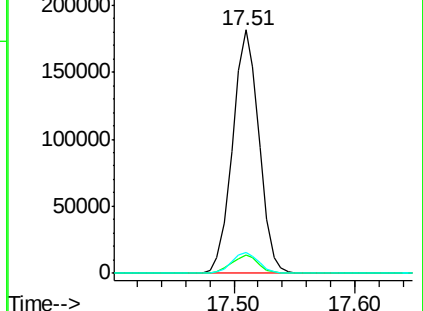
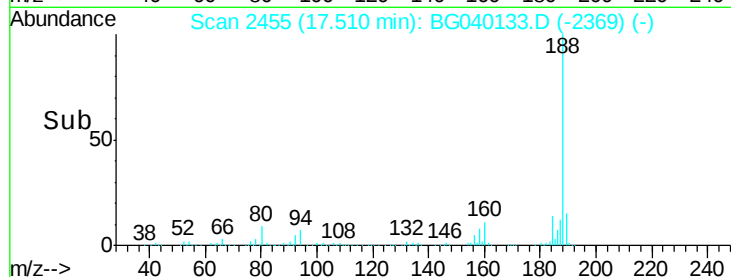
80 8.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

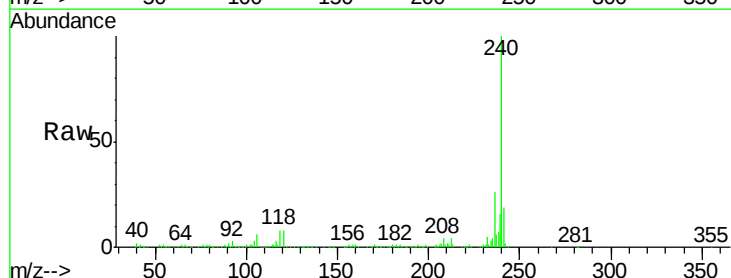
Tgt Ion:240 Resp: 278099

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

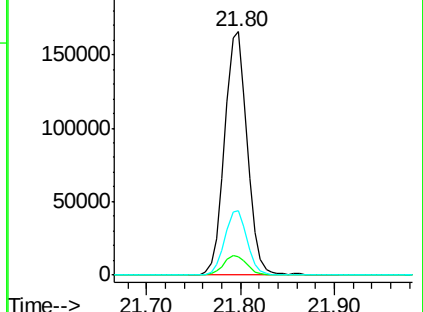
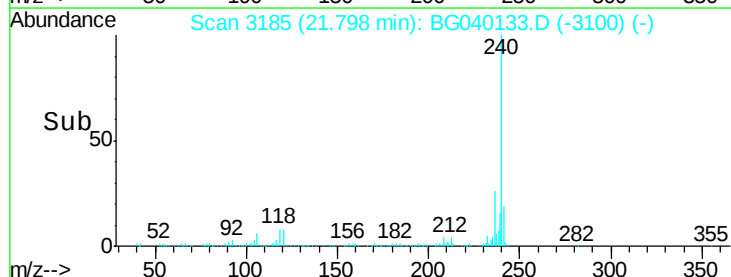
236 26.2 21.0 31.4

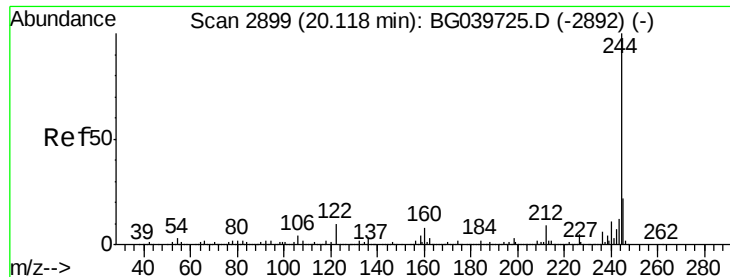


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.815 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

Instrument :

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MW-2

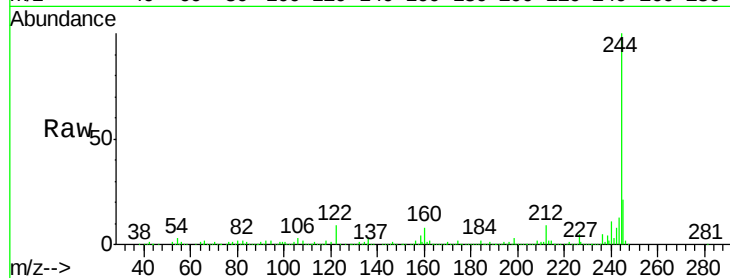
Tgt Ion:244 Resp: 1058627

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

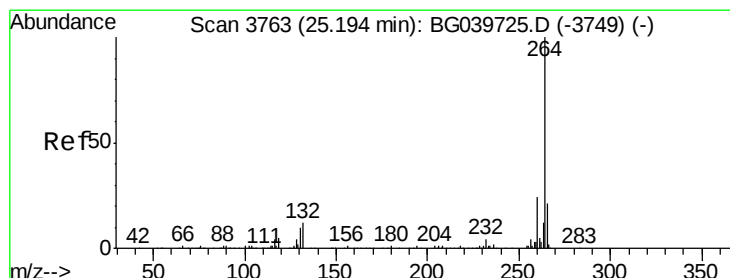
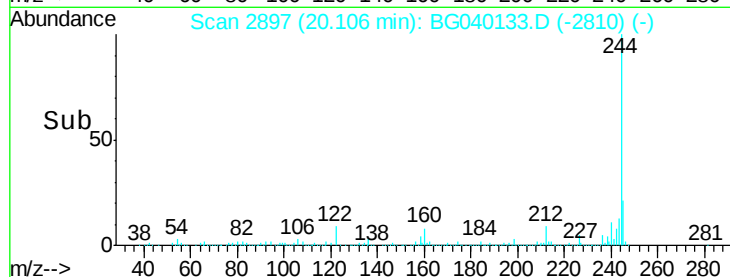
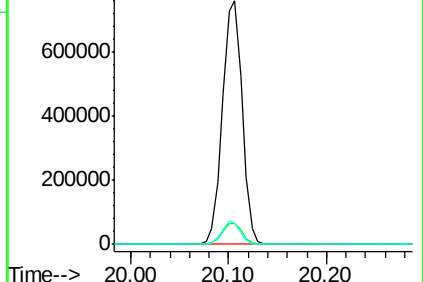
122 8.6 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040133.D

Acq: 26 Mar 2019 1:32

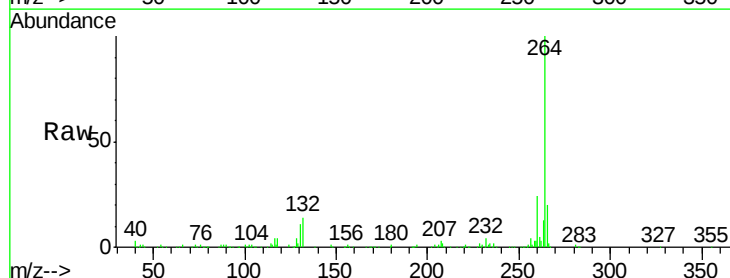
Tgt Ion:264 Resp: 280876

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 20.5 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

